

FIG. 1.

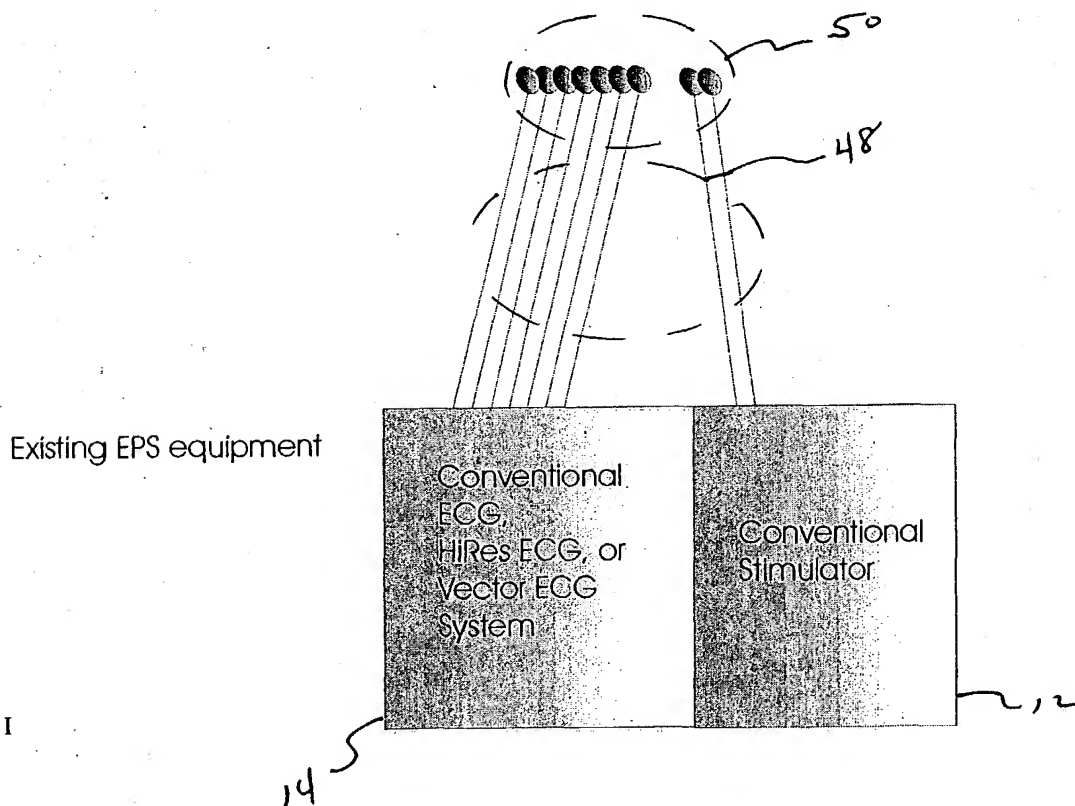
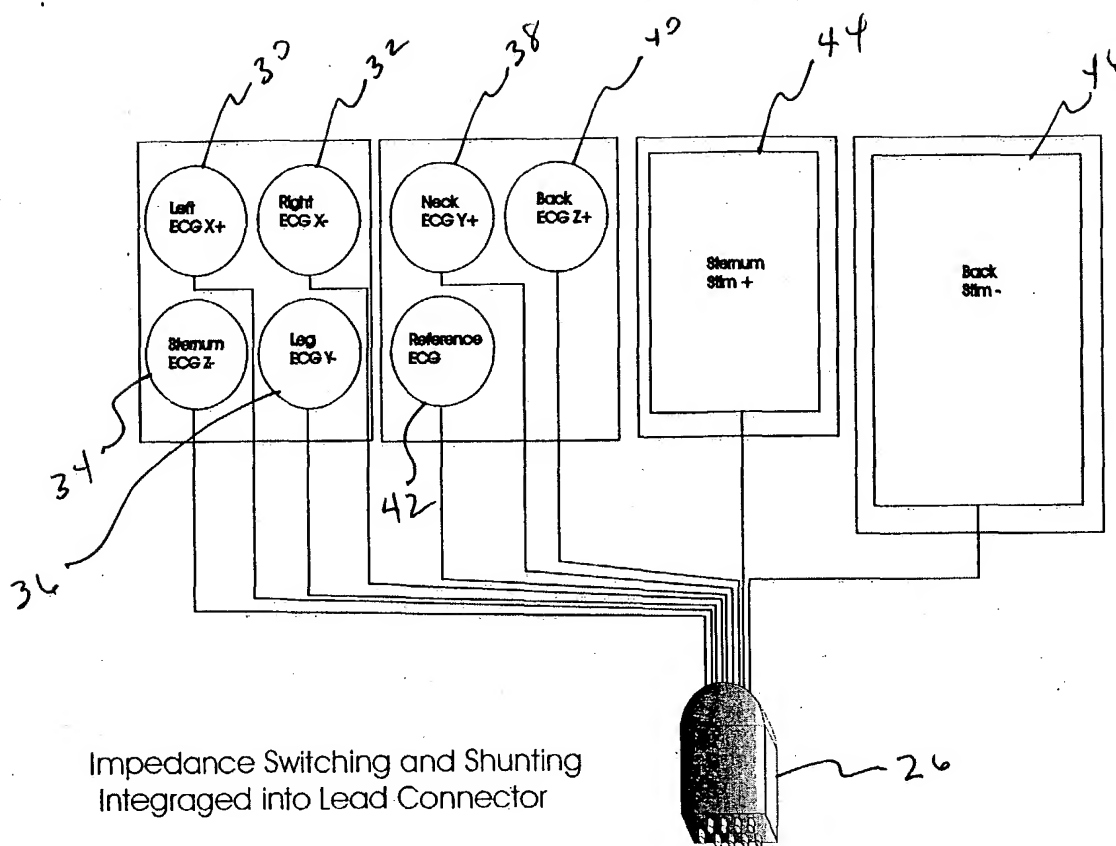
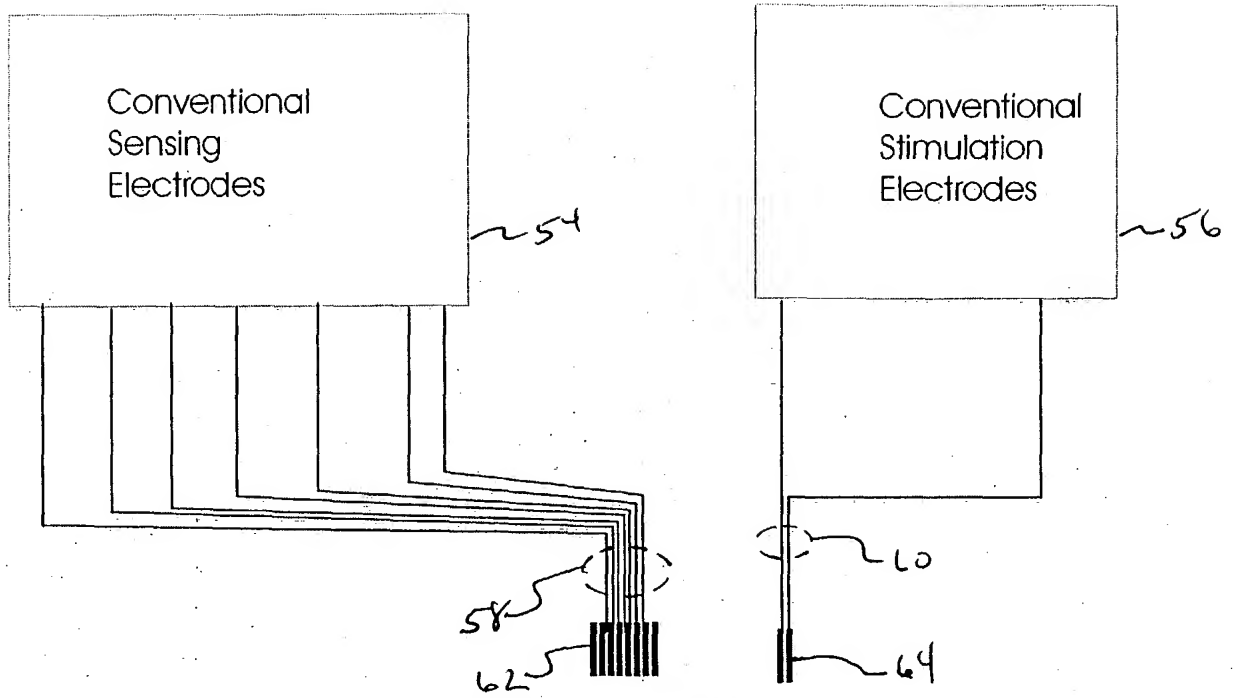
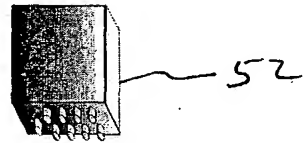


FIG. 2



Impedance Switching and Shunting
Integrated into Adapter



Existing EPS equipment

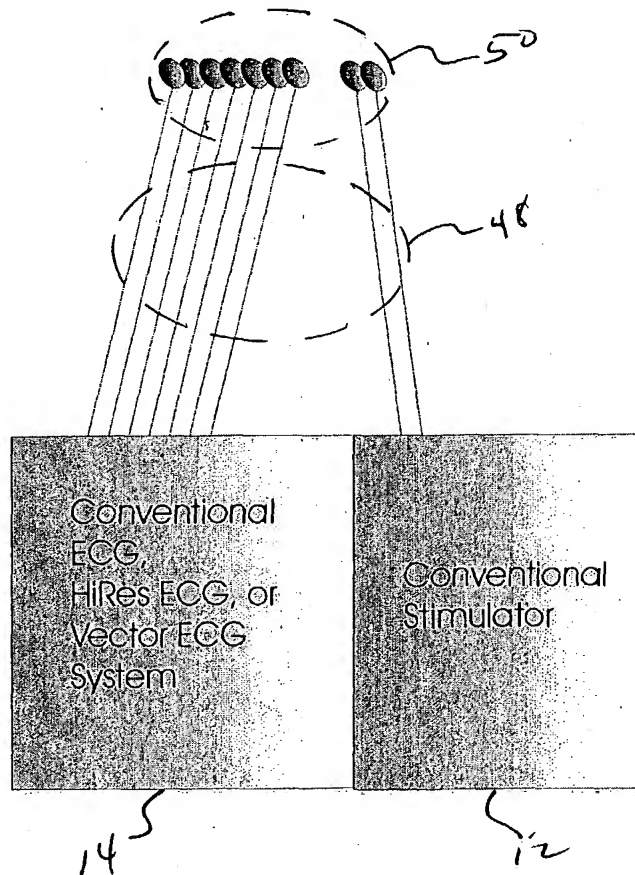
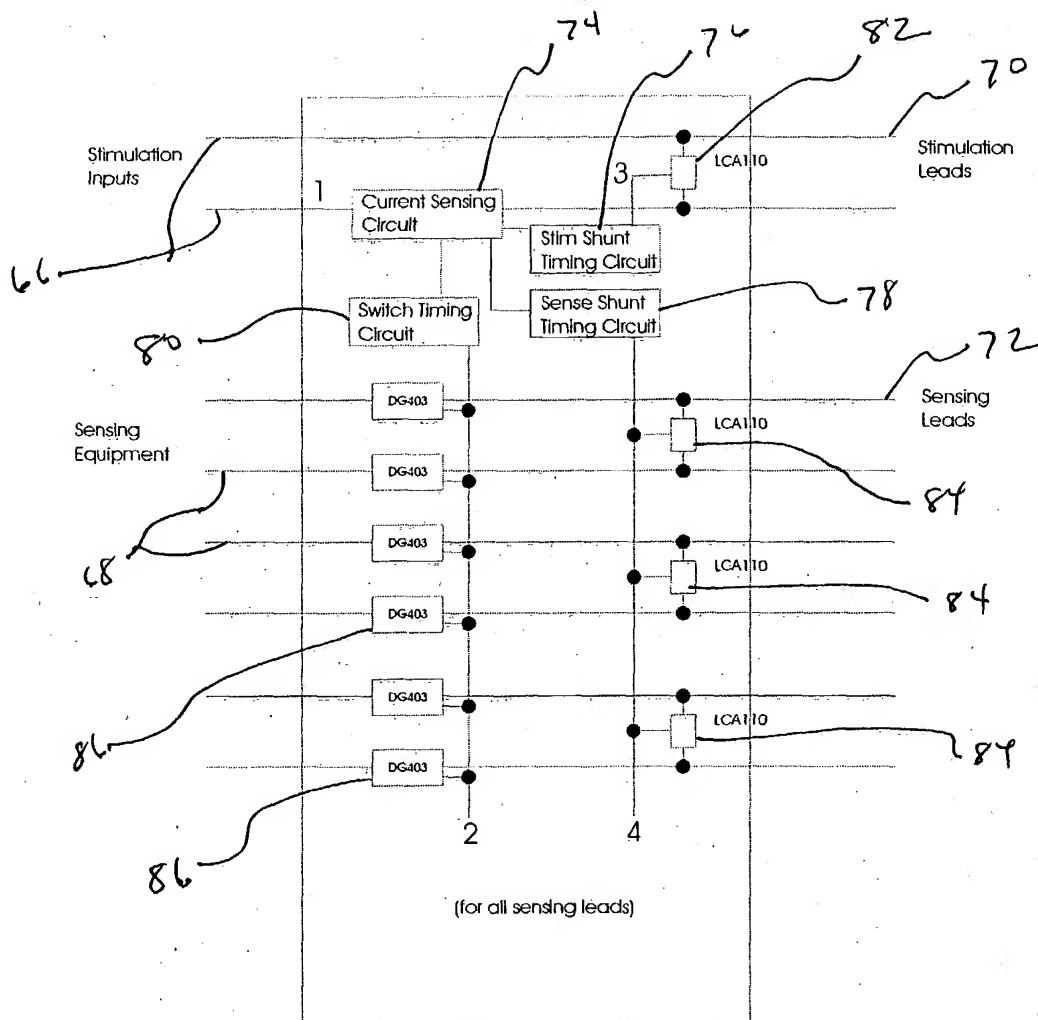
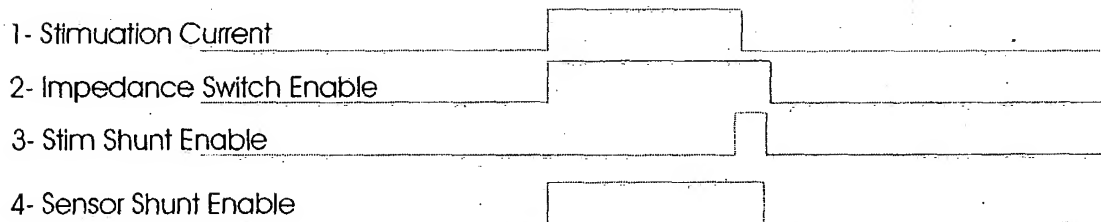


FIG. 3



Timing for Switch and Shunting



Power for circuitry could be provided by internal battery, externally connectable power supply, or power supplied by attached equipment.